



# Information Security Overview

- Jades approach to Information Security
- Electricity Registry Initiatives
- Recent Security Initiatives

## Jade attendees

### In person

- Ian Hight – Client Director
- Sam Johnstone – Head of Security

### Via Video

- Greg Mathews – Snr Software Engineer
- Steve Foster – Infrastructure Architect

### Apologies

- Dylan Taylor – Service Delivery Manager

# Jade's Approach to Information Security

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- Separation of duties
- Hardened OS and Application configuration
- Patching and Maintenance
- Network level separation of external facing services from databases
- Use of secure protocols for data in transit
- Secure data centre hosting, with controlled access
- Anti-virus scanning, with 24x7 support
- Vulnerability scanning
- Disaster recovery



# Electricity Registry Initiatives

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Collaboration with Electricity Registry's security team and consultation with Registry participants has enabled:

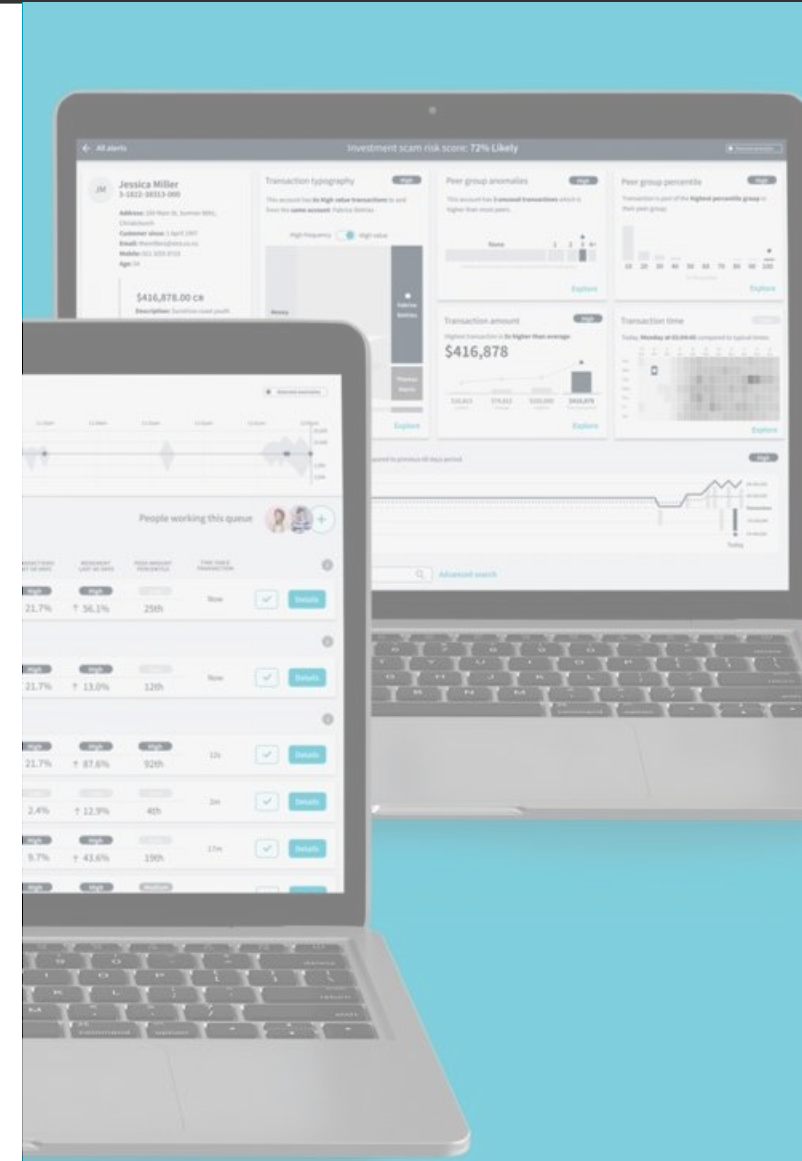
- Implement Single Sign On to securely access to the Registry browser interface
- Monthly meetings to Improved user experience, security, auditing and compliance, reduced risk (notably, reduction of credential exposure)
- Utilise System Cross-Domain Identity Management (SCIM) user management API to enable automatic synchronisation of users and groups between the Registry and Azure Active Directory (AzureAD)
- Implement an API Manager (APIM) to manage SCIM interactions between AzureAD and the Registry to provide separation, security, and abstraction to the backend (the Registry)
- Sep 22, Disable TLS 1.0 and 1.1
- Web server OS upgraded to remain on a supported release



# Recent Security Initiatives

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- Apr 22, Establishment of Jade Head of Security role
- Oct 22, Migration of web components to Windows Server 2022 (IIS)
- Mar 23, Provision of a dedicated test system to reduce risk when integrating with Trust Power
- Jul 23, On-going hardening of SFTP connections (to be complete by Oct 23)
- Sep 23, Begin endpoint privileged management rollout for Jade
- Sep 23, Refresh of Jade's Security Roadmap



# Questions / Discussion